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THE STATE

LIFE IS A FIGHT.
MILLIONS FAIL.

PUBLISHED BI-WEEKLY

By the Undergraduates at Stevens Institute of Technology
HOBOKEN, N. J.

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THE STUTE

The Paper

FOR a number of years, Stevens Institute has been one of the very few colleges without a paper published by and for the student body. "Link" has appeared regularly and we have had much reason to be proud of it. Many of its issues have compared favorably with the best of the annuals published in other institutions. We have had the "Stevens Institute Indicator" also, and of it too, we are justly proud. Its position in the foremost rank of scientific periodicals is firmly established and everywhere among professional men, the value of the "Indicator" is known and appreciated. But the field "Stute" is to occupy and the work it is to do are apart from those of "Link" and of the "Indicator," and with neither of these is it intended that "Stute" shall compete.

"Stute" is to be a *news* paper rather than a personal or scientific record. Its news will be the news of the Stevens Institute undergraduates and news of interest to that student body. As was stated by the editors in a letter from them to the faculty, the aim of the paper will be to so direct the thoughts of the student body as to further arouse and foster a true spirit for Stevens, and the work of the paper will be to chronicle college events, athletic contests, class news, news of the societies, clubs and fraternities. For anything therefore which will foster or improve the Stevens spirit, the columns of the "Stute" are yours to command. In chronicling Institute happenings the editors are your servants also.

The "Stute" is to be published once in two weeks and is to appear on Fridays. The editors had hoped to be able to place the paper before the faculty and students at 5c. per copy, but they find that, for the present at least, that is impossible. They wish to state positively and definitely however, that not one penny of any surplus will be retained by any of the editors, and further, that they intend devoting any surplus which there may be, to such of the Institute associations, projects or funds as, in their opinion, may seem most worthy.

The letter already referred to, in describing the composition of the Board of Editors, says: "The plan is to have a Board of Editors, who, having been duly elected by the preceding Board, shall enter office after the tenth issue of the paper; such Board shall serve for the remainder of the year under the supervision of the retiring Board, before undertaking as seniors, the full responsibility of editing the paper. Of course in each class there will be representatives or assistants who will look after the interests of their classes, etc., and who by their work and talents will make

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hemselves eligible for a position on the future Boards. By such a plan we, (the editors), hope to find in every case, the best man for each place, and in doing this insure thereby a constancy in tone and sentiment, and a maintenance of the dignity and character of our publication."

Such are our plans and aims. The editors ask your support, your assistance and the benefit of your suggestions. We ask you to support us financially and we hope and expect to give value for money received. We ask your moral support because we want to feel that you look upon and judge us as a friend would. We ask your assistance because we need it. Let us help spread your ideas ; let us have the products of your brain and pen.

Football

IN looking about for reasons for the non-success of recent Stevens Football Teams, we find the following :

- 1.—Insufficient raw material.
- 2.—Insufficient and inefficient practice.
- 3.—Insufficient support by the student body.

An insufficiency of raw material is perhaps part of the reason for Stevens' failure to succeed. If in a college four times our size, one per cent. of the men turn out for football, we must get four per cent. of our men out. If we haven't eleven good men over to play on the scrub, we must play against a scrub of sixteen or twenty poor ones. To play football, a man need not give up lacrosse. Playing one game will help keep him in condition for the other, and vice versa.

A stronger reason for our non-success is insufficient practice. Practice is everything—without it, the best players are impotent, with it, a very ordinary team can do wonders. Inefficient practice—that is practice which, though held, accomplishes nothing—is largely a waste of time. Thus a line-up practice against a scrub which does not consist of the best available men or against one which is not playing *hard*, is not an efficient practice and is almost a waste of time. A player on the scrub complains that his work is not appreciated, that he isn't strong enough to make the team and knows it, and he asks why continue to play on the scrub? But by his presence on the scrub he is helping the team to play a better game, and is helping the team to victory just as truly as though he were making a winning touch-down. The work of the scrub-player *is* appreciated, although the appreciation is not always as plainly shown as it is at that great football college where at the banquet which marks the breaking up of the training table, the toast to "The Scrub" is drunk standing.

But if the student body will take a greater interest in the team, in its composition, its form, and its progress, it will play better. Football players, like actors, play up to their audiences, but if there be no audience, we of the audience cannot blame them for their non-success.

Faculty Notes

The Institute is honored in having at least three members of its faculty among the Judges and Officials at the Louisiana Purchase Exposition at St. Louis. Pres. Humphreys is Chairman of the Engineering Section of the American Association for the Advancement of Science. Prof. Denton is a Department Juror in Machinery Hall. Prof. Webb is a Group Juror in another of the departments.

The copious use of Neostyle Lecture Notes at Stevens is being recognized more and more as a valuable fixture of the course. Contemporary colleges are investigating our methods in this regard and copying them. The Freshman and Sophomore Classes will this year be benefited by this system. Dr. Pond has prepared an exhaustive set of notes on Metallurgy for the Sophomores. Notes on Elementary Mechanics and Physics for Freshmen and Sophomores are being prepared by Instructors Martin and Le Page for their respective classes.

We are happy to announce that Prof. Denton will again take charge of his class this fall. He has been away for more than a year because of illness. His health, however, is now fully restored. While abroad Prof. Denton visited a large number of technical schools and manufacturing plants, and has taken note of many points which will be embodied in his lectures to Juniors and Seniors.

FRANCIS M. HUMMEL, A. M., Pd. B., is an instructor new to the Institute. His work will be in the Department of Modern Languages.

Calendar

WEDNESDAY, SEPT. 28.—Last day for matriculation. A fee of \$5 will be charged for enrollment after this date.

THURSDAY, SEPT. 29.—Final line-up practice of football team, Castle Point Athletic Field.

SATURDAY, OCT. 1.—Rutgers-Stevens Football Game. Cricket Grounds, 3.30 P. M.

FRIDAY, OCT. 7.—Engineering Society.—First Meeting.—Hall of Carnegie Laboratory, 4.10 P. M.

The United States Government is offering to men of good character and education officers' positions in the Philippines Constabulary. The Constabulary is being increased and the chances for rapid advancement are said to be many. For details see circulars in the President's office.

The New Catalogue

The Annual Catalogue of the Institute for 1904-1905 is larger and more complete than any of its predecessors. Half-tone pictures of the buildings, shops, laboratories, etc., are scattered through the volume, adding to its attractiveness. The needs of the Institute are set forth in a paragraph. The chapter on requirements for admission shows that a knowledge of French and a broader knowledge of Physics will be demanded of applicants for the Freshman Class in the future. The course of study is treated in more detail, and shows among other things that the study of German is to be carried through the Senior year.

The Calendar shows the collegiate year to consist of two regular terms instead of three as heretofore, and Intermediate and Supplementary Terms as before. In addition to the alphabetical list of alumni, which has always been a feature of the Catalogue, the names of graduates are arranged by classes and also by states.

Changes During the Summer

During the summer the north wall in Prof. Denton's lecture room has been removed, some of the show-cases being taken to the computation room. The space formerly occupied by the short hallway from the Freshman coat-room to the west stairway has thus been added to the room space, and the room's capacity increased. Now that there are windows on two sides of the room it is possible for the first time to properly ventilate it.

The appearance of the Dynamo Room in the Electrical Laboratory has also been changed. A 3" double floor has been laid. The main shaft has been moved, and is now supported on cement pillars, and is directly connected with the engine. The Link Belt Engineering Company has presented the Institute with the necessary link pulleys and link chain belts, and now this efficient and non-slipping mode of transmission will be used entirely in this laboratory. The bases for a number of the dynamo machines have been so rebuilt as to place all armatures at the same distance from the floor. This makes it possible to directly connect any two machines, with very little trouble. New paint, and a number of added incandescent lights, make the room a more cheerful one, especially on dull days.



Alumni Athletic Committee

TO THE EDITOR OF THE STUTE :—

It is with great pleasure that I comply with your request to say a few words in your opening number about the Alumni Athletic Committee, but first I take advantage of the opportunity to congratulate the editors on the establishment of a paper which will, I trust, have a stimulating and elevating influence on Institute life and further all the best interests of the undergraduates.

In accordance with a resolution adopted at the June meeting of the Alumni Association, a committee of three, consisting of Edwin Burhorn, '85, William C. Post, '86, and the undersigned, has been appointed for the purposes of bringing the graduates into closer touch with athletics at the Institute, and promoting better and more intimate relations generally between the alumni and the undergraduates.

It is hardly necessary to enlarge on the prominent place which athletics now occupy in college life. They are an accomplished fact, and while there may be some abuses connected with them, I, for one, believe that their general influence has been largely and decidedly for good.

In most of our colleges the alumni take an active interest in athletics, and in many they assist in the direction of the teams, either officially or unofficially, especially in matters of larger policy. At some of the universities which have been most successful in athletics, and where college spirit is soundest and best, the actual management of athletics is left almost entirely in the hands of the undergraduates, and the alumni, while always willing to assist when asked, act in an advisory capacity only. This, I believe to be the best system for Stevens. The alumni don't want to "butt in" to the students' affairs, but they do want to show the boys that they take an interest in their athletics and other activities, and that they stand ready to lend a helping hand when called upon.

On the other side—and this is a point I want to emphasize very strongly—the undergraduates can best excite the interest and secure the help of the alumni by showing that they are willing to help themselves. The students in general must take more interest in athletics, they must support the teams which represent them, and they must cultivate a stronger and higher college spirit. In this way they can best convince the alumni that the latter ought to encourage athletics and give support to the teams.

The present athletic committee of the Alumni Association is an experiment. We members of it shall have to feel our way, and we don't want the students to get the idea that we are going to impose ourselves upon them or their affairs. For this we have neither the authority nor the inclination. But our success in bringing the alumni and undergraduates closer together will depend very largely upon the co-operation of the latter.

This we bespeak, and on our part we shall welcome suggestions as to the particular ways in which we can best attain the objects above outlined and promote the highest interests of students, alumni and the Institute itself.

J. H. CUNTZ, '87.

THE STUTE

PUBLISHED BI-WEEKLY

AT

STEVENS INSTITUTE OF TECHNOLOGY, HOBOKEN, N. J.

H. V. R. SCHEEL, Editor-in-Chief.
F. WM. HAUSMANN, Business Manager.
A. H. POTBURY, { Associate Editors.
L. E. WALDECK, }

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Correspondents' Corner

If there is any phase of Stevens life with which you are not familiar remember a letter addressed to the Editor will receive prompt attention.

To the Editor.

DEAR SIR :

Well thank goodness Stevens is again supplied with an Undergraduate Paper. Now let us see if we can't make the "Old Mill" hum. Let's have something of importance doing every week. For the last few years all the activities at Stevens have been captained by a handful of men. The big majority took things easy and ground out a lonely existence of eat, study and sleep. Let's not have a single dead-head in the place. In order to keep things moving properly everybody must be doing something. The man who is working hard on the Lacrosse or Football team cannot be working his best on the committee that is providing for a dance. The man who is spending every night practicing for a concert should not be expected to deliver a learned lecture before the Engineering Society, etc. There is work enough for all, and in order that the best may be done in each case, everybody should take a lively interest in something. Then, when your name appears as a senior in "LINK," it will have trailing after it the achievements of your college course, so that people may say, "There is a man who did his college some good!"

Yours truly,

WEL.

'Varsity Football

In response to the posted notice, a small body of candidates for this year's team reported for practice on September 16th. They were taken in hand by Capt. Kaltwasser and by Coach S. W. McClave, (one of the two great McClave brothers of Princeton 'Varsity fame.) Since then there has been practice at the Castle Point Athletic Field every day. The squad has been slowly growing in size, but with the actual opening of the Institute, enough men to make a selection from are expected out.

Practice has been necessarily light. The men are being drilled in kicking and catching the ball, in getting down the field under punts, in passing the ball, and in falling upon it, and in the gentle art of tackling. Much individual instruction has been given each player. It is the object of the coach to give each man as complete a knowledge of how to play his position as possible. Signal practice has been begun, but, thus far, no scrub practice has been indulged in.

The following men of last year's team are back in the Institute: Capt. Kaltwasser '05, Turner '05, Cruthers '05, Cole '06, Pinckney '06, Caffrey '06, Anderson '06, Parkhurst '07 and Roberts '07. Another encouraging fact is the large number of Freshmen who are already out trying for positions on the team, and, without doubt, good players will be found among them.

On Saturday the opening game with Rutgers is scheduled to take place at the Cricket Grounds, and the last line-up practice will be held at the Castle Point grounds to-morrow, (Thursday afternoon.) It is expected of every student at the Institute that he be at Saturday's game. To win the first game from Rutgers would put Football on its feet, and it is every man's duty to help the team by his presence at the game.

The team ought to be encouraged at practice also, and as many students as possible should attend to-morrow's final line-up practice. If there is anything the team seems to need now it's snap, and there is nothing like a crowd at practice to give that.

NOTE.—As we go to press we are given to understand that the Rutgers game may possibly be postponed. See Bulletin Board. Ed.

'Varsity Lacrosse

The lacrosse outlook for the coming season is, if anything, brighter than it has been for some time. We have, to be sure, no old seasoned players, but what we lack in experience must be made up by frequent and regular practice games against a scrub team.

There will be practice every afternoon during the fall until the weather will no longer permit, and the management hopes to secure quarters for indoor practice during the winter. There is but one way Stevens can ever hope to turn out a winning team,

Continued on Page 8.

The Engineering Society

The Stevens Engineering Society found birth in the minds of three men of the Class of '88, whose idea took tangible form on Friday, May 20th, 1887. This dates the first meeting of the Society.

To quote from an old Indicator the object of the Society "is to aid and encourage its members in the study of engineering practice, in original research and in the cultivation of their powers of thought and expression." Indeed, college life at best is a narrow one, and the necessity and value of frequently touching with the world of practice is beyond question. The history of the Society is replete with valuable lectures and "chats" by many prominent engineers, and with interesting papers read by its members. For a short period it is marked with the publication of its proceeding in an annual journal. Starting as it did under the impetus given it by men who believed in its need, and found pleasure in working for its permanent foundation, it comes to us to-day, through 27 years of varying success—unshaken.

It is a recognized factor of Institute life, and to the members of the Junior and Senior Classes presents a phase of their college career deserving of their active co-operation.

The coming year promises increasing enthusiasm, and plans are being made for the renewal of the activity of former times which will, we hope, add new interest and give new life.

The first meeting of the Stevens Engineering Society will be held in the Carnegie Laboratory Lecture Hall, on Friday, October 7th, at 4.10 P. M. All men of the Senior Class who are not now members and who desire to enter the Society are requested to attend.

‘VARSITY LACROSSE—Continued

and that is, by securing hard, conscientious work from every man who handles a lacrosse stick, and the co-operation and support of every man who doesn't. It is impossible for a team with only a week's practice to be successful,—no amount of coaching can overcome lack of practice.

A team must, first of all, be made up of good stick-handlers and the one thing that makes a good stick-handler is practice.

Every man who expects to play should get a good lacrosse stick—a McBrearty if possible. *Lacrosse* cannot be played with a club nor with anything except a *good stick*.

There will be just twelve positions open on the Lacrosse Team next spring, and those positions will be filled, without exception, by men who have worked for them from the beginning.

No man who fails to appear regularly for full practice need expect to make the team next spring.

LACROSSE MANAGEMENT.

Prep. Notes

The Prep. School reopened on September 19th. It has become necessary to add another section to the Upper Middle Class, which is the largest in the history of the school. The Junior Class which had been discontinued for several years has again been resumed, the attendance being thirty. Another change is the extension of the afternoon session to 3.15, with a short recess at 2.30.

The first meeting of the Athletic Association was held September 23d. The meeting was very spirited and much interest in the welfare of school athletics was evinced by Professors Carter and Walker. The regular election resulted as follows :

President,	-	-	-	-	Dr. Sevenoak.
Vice-President,	-	-	-	-	Mixsell.
Treasurer,	-	-	-	-	Prof. Carter.
Secretary,	-	-	-	-	Van Woert.
Manager of Football Team,	-	-	-	-	Van Woert.
Assistant Manager of Football Team,	-	-	-	-	Haddock.

Football prospects are good. Of last year's team, F. Smith (full back), Mixsell (left half back), G. O. Smith (right tackle), and Winans (left tackle), are playing again this year, and while the squad is somewhat light, they should make a winning team. But there is only one way to do it, build up a strong scrub team, and let those who don't play go down to the practice and cheer. Efforts are being made to secure a good coach for the team, but unless the students help by buying tickets this may not be possible. Let everybody join the A. A.

The International Engineers' Congress

An International Engineering Congress will be held from October 3d to October 8th inclusive, at St. Louis, under the auspices of the American Society of Civil Engineers.

In response to invitations from the committee in charge, 108 specialists have agreed to contribute papers to form a presentation of the various subjects selected for discussion. Each of these papers is to be a review of progress during the past decade, in the special line of engineering work under consideration, from the stand-point of practice in the country of the writer.

Among the papers before the Congress will be one on "Wharves and Piers," by John A. BenseL, M. E., Stevens '84. Mr. BenseL is Engineer-in-Chief of the Department of Docks and Ferries, New York City.

President Humphreys was one of the speakers at the dinner given recently by the American Society of Civil Engineers, in honor of the visitors of the affiliated societies from abroad.

Smokes

An old pipe and a cosy corner for mine, thanks. The Old Mill is on the jump and we're all home again except the Freshmen, who, bless their little hearts, do look a bit gloomy. Pardon, '08, far be it from me to overlook your manly propensities, but the fragrance of tobacco doth loosen the tongue.

Freshmen, it's the easiest thing in the world to get out of college by the wrong door. Lots of fellows do it. The sample comes in looking wise as a cuckoo clock. The sample is a grad. of the Bamboozle Prep. School, if you please. He matriculates on the Bamboozle plan and intends to "belly-ake" his way along. He forgets his wits—leaves them home—and mutters and stutters while the top of the Prof's pencil moves around a little oval path. One goose egg; others come later. It's like going to a ringing telephone, calling "Hello" and getting no answer save the incessant "click-click" which conveys no new thought. The world hangs up the receiver and looses faith besides.

Don't be a false alarm. It's tragedy for you and comedy for others. The hero dies while father scowls and ever idolizing mother sympathizes and says bad things about that horrid college. We laugh, but the joke is at your expense—or the Old Gent's.

COSY CORNER.

This and That

STRIKE !

When the price of beef was very high,
Says Good Old Dan Mahoney—
"Me thinks I'll not eat any meat
But fill up on bologna."

F.

MRS. WIDOW.—"I hear Miss Johnson is married! Does she make a good House-wife?"

MRS. RAGET.—"House-wife! Ugh—Why she's one of those add-hot-water-and-serve kind."

F.

SHE.—"Well, I can change my mind, can't I?"

HE.—"No, you can't even do that; it's been used, you see."

S.

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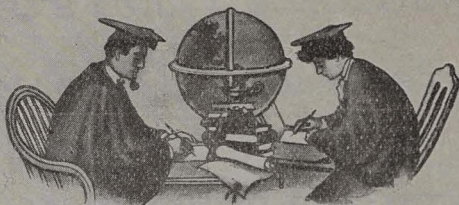
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